

# Math 154 Pre-Calculus II

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*Office Hours:* By Appointment or  
from 9:00-9:50am M-F.

## Course Description

A continuation of MATH 153 with emphasis on trigonometric functions, the unit circle, solving trigonometric function, vectors, the complex numbers, and an introduction to analytic geometry.

## Required Course Materials

- **Text:** Tim Britt, *PreCalculus*, Sullivan.
- **Calculator(s):** Scientific, TI-83, TI-84, and TI-85 or different branded calculators with similar features are the only calculators that you will be allowed to use on exams in this course.
- **Suggested Materials:** Graphing Paper

## Grading

Grades will be determined by the following weights:

Participation/In Class Handouts 10%      Quizzes 25%

Exams 65%    First Exam 15%, Second Exam 15%, Third Exam 15%, Final Exam 20%

Grades will be determined by the following scale (if .5 difference, I will round up):

|             |              |              |            |              |              |
|-------------|--------------|--------------|------------|--------------|--------------|
| 93-100% = A | 90-93% = A-  | 87-90% = B + | 83-87% = B | 80-83% = B - | 77-80% = C + |
| 73-77% = C  | 70-73% = C - | 67-70% = D + | 63-67% = D | 60-63% = D - | Below 60%=F  |

## Grade Updates

I will update grades after each exam. These grades can be found in a spreadsheet under the “Files” tab under the “Grades” folder Canvas.

## Attendance/Participation/In Class Handouts

Attendance will not be graded. However, I highly recommend attending class. If you miss class it is your responsibility to get notes from a classmate and find out what was covered or handed out in class.

We will do several in class handouts during the quarter. Completion and/or participation in these handouts will be recorded under the participation grade. If you miss class on a handout day, you will not receive points for that handout unless you have an exceptional reason. Keep in mind that not doing handouts during class (texting, on Facebook, sleeping, texting) or leaving as soon as they are given will result in point loss.

Please note- exceptional reasons include a significant family/personal emergency, medical issues (with a Dr.’s note or prior notice), or sports/military obligations.

## Quizzes

Quizzes will account for 25% of your grade. Typically, they will be open homework quizzes, however we will also have short “unit circle quizzes”, which are not open homework. Homework quizzes will be taken every Friday unless it is an exam week. Once the unit circle is introduced, unit circle quizzes will be taken about every other day until the class, as a whole, averages an 80% on them. CALCULATORS MAY NOT BE USED ON UNIT CIRCLE QUIZZES. We may have mini-projects. If we do they will be included in your quiz grade.

## **Exams**

There will be three exams given in this course (not including the final). Each exam will be worth 15% of your grade. You will get a list of what topics can be expected on the exams and I will give a study day in class before exams where I take any questions you have. Therefore, be sure to ask questions then (or come to my office more than a half an hour before the exam.)

## **Final Exam**

The final exam will be cumulative and is worth 20% of your grade. You will receive a list of topics to expect on this exam and I will give you at least 1 class “study period”. Finals will be given during finals week, on the scheduled exam day, at the scheduled time. **Please do not make plans to leave on vacation, etc. and expect to take the exam early, it will not happen unless there is a very extreme circumstance.**

## **Make-up Exams/Quizzes**

Will not be allowed unless there is a valid reason (i.e. emergency room trip, work/athletic/military requirements, family death, etc.). With medical emergencies there must be a Dr.’s note. With work/athletic/military I will need a note and contact info for your boss/coach/commanding officer. If there is a valid reason you missed, you must notify me of this reason within a day of the missed exam. If you know you are going to miss the exam early on (again, for a valid reason), let me know so we can set up a time for you to take it early. This being said, you will be allotted one late quiz this quarter, no questions asked. If you choose to use your “late” you must make up the quiz within 2 class periods of missing it.

## **Class Notes**

It is necessary to take notes in class. If you need help during office hours, I am always happy to help. However, you must bring your class notes with you and show that you have put an acceptable amount of effort toward the content you are having trouble with.

## **Extra Credit**

In general I do not give extra credit. However, if I do, it will be offered to the entire class. Please do not request exceptions.

## **Cheating**

Is not allowed and will result in a failing grade. Cheating more than once will result in a report to Student Services.

## **Support Services**

Students who have special needs or disabilities that may affect their ability to access information and/or material presented in this course are encouraged to contact the office of Disability Support Services on campus (963-2171). Also, please let me know if you need me to accommodate for a disability in anyway, I am glad to do so!

## **Important Dates:**

April 22: No School, Faculty Development Day

May 25: No School, Martin Luther King Day

May 15: Last day to withdraw

June 9: Final at 8a.m.

*I reserve the right to change the policies contained in this syllabus as dictated by developments during the quarter.*